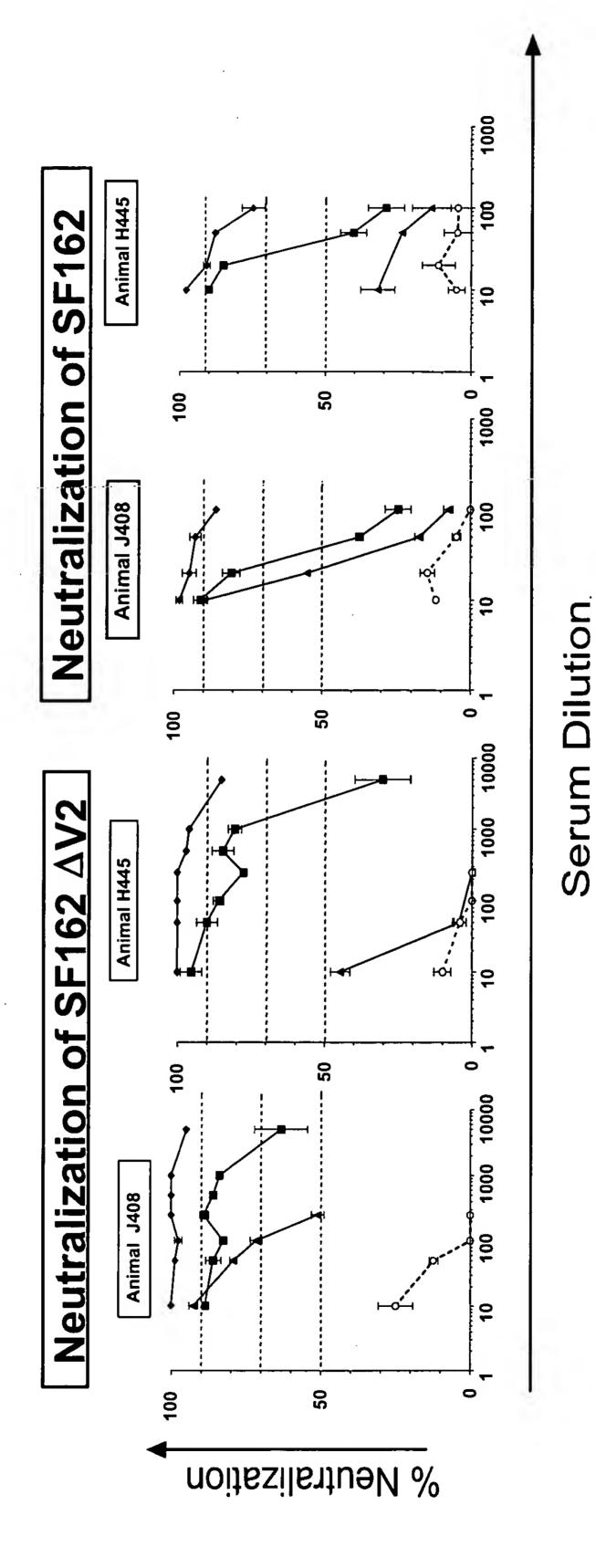
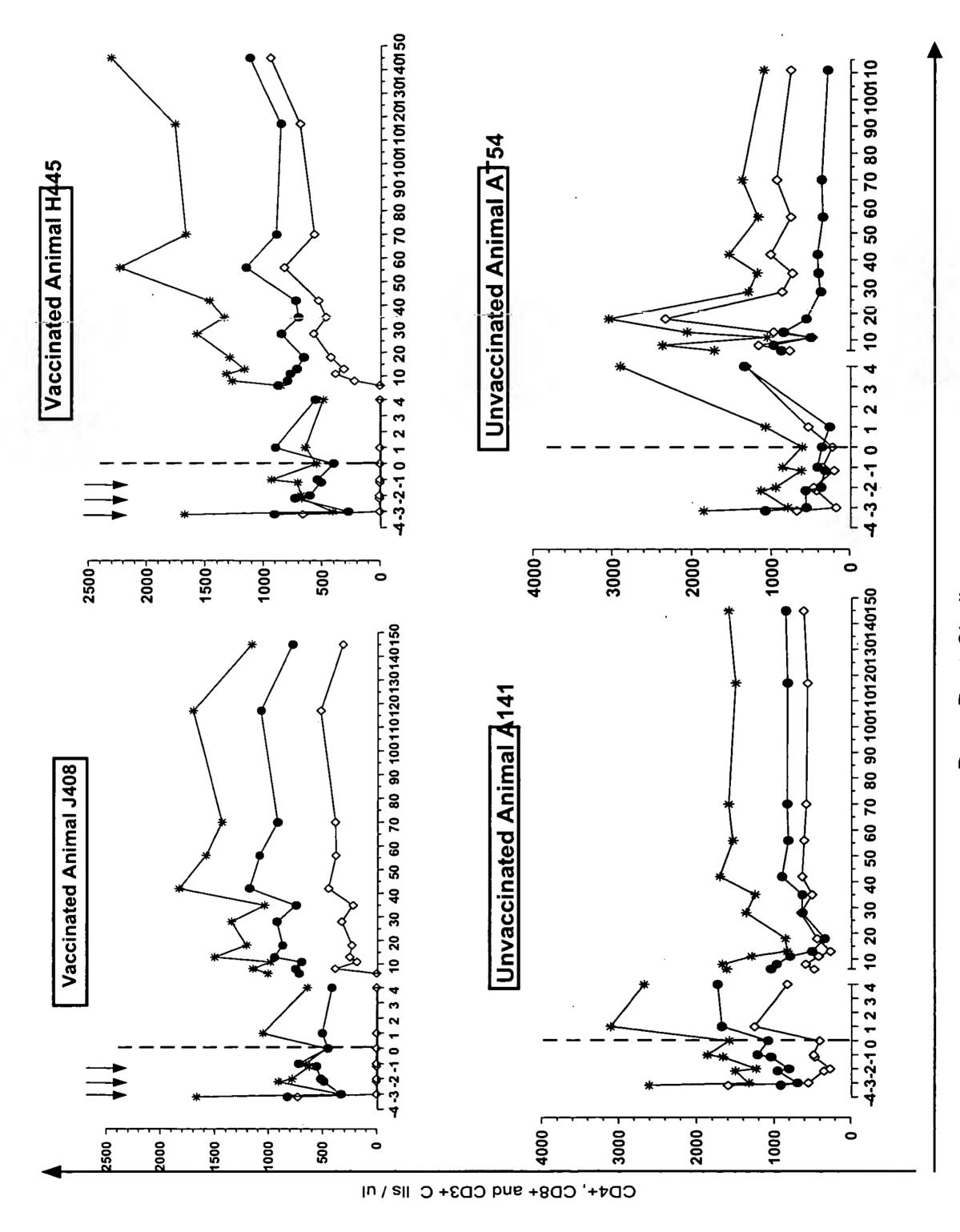
2570-1-001N FIGURE 1

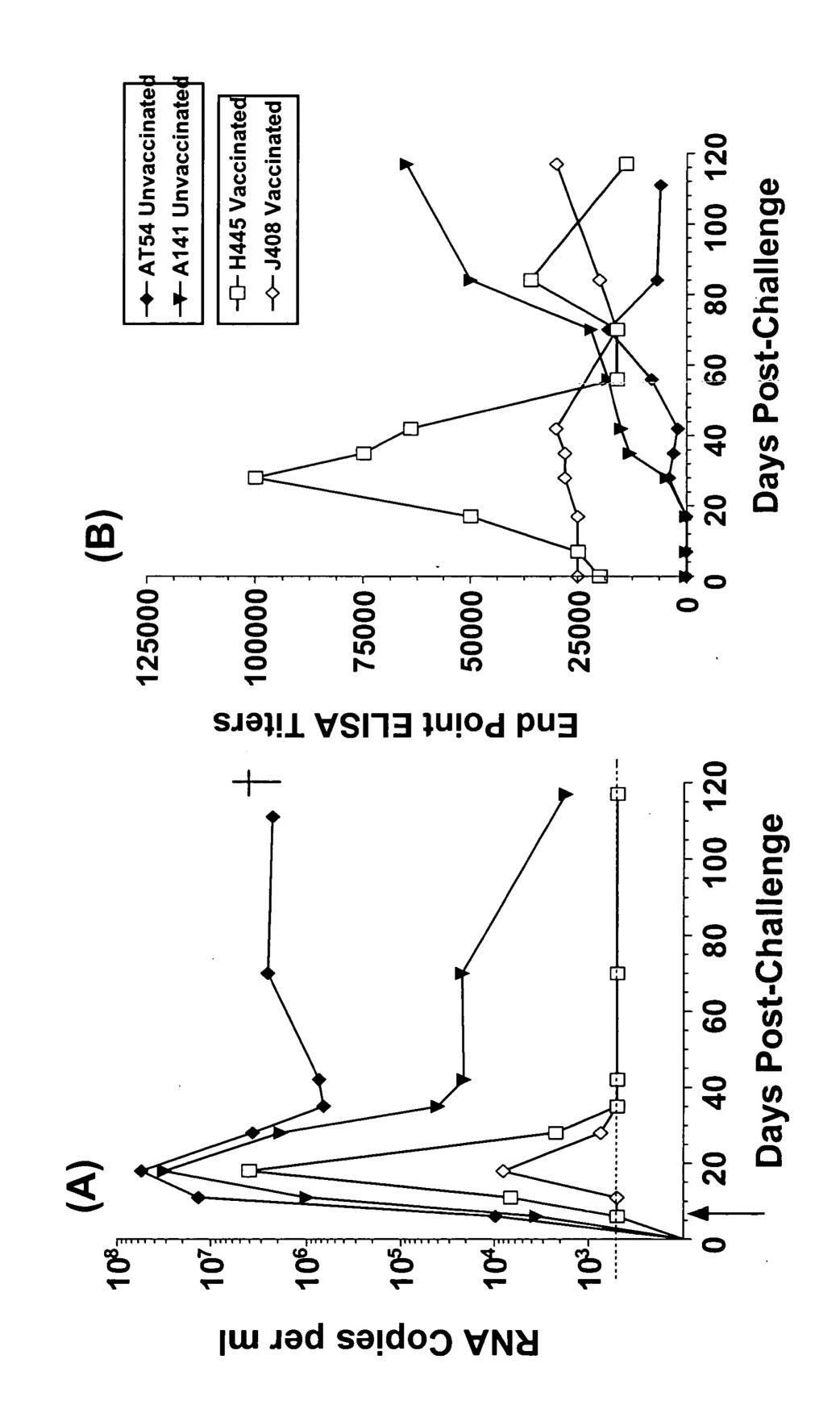


2570-1-001N FIGURE 2

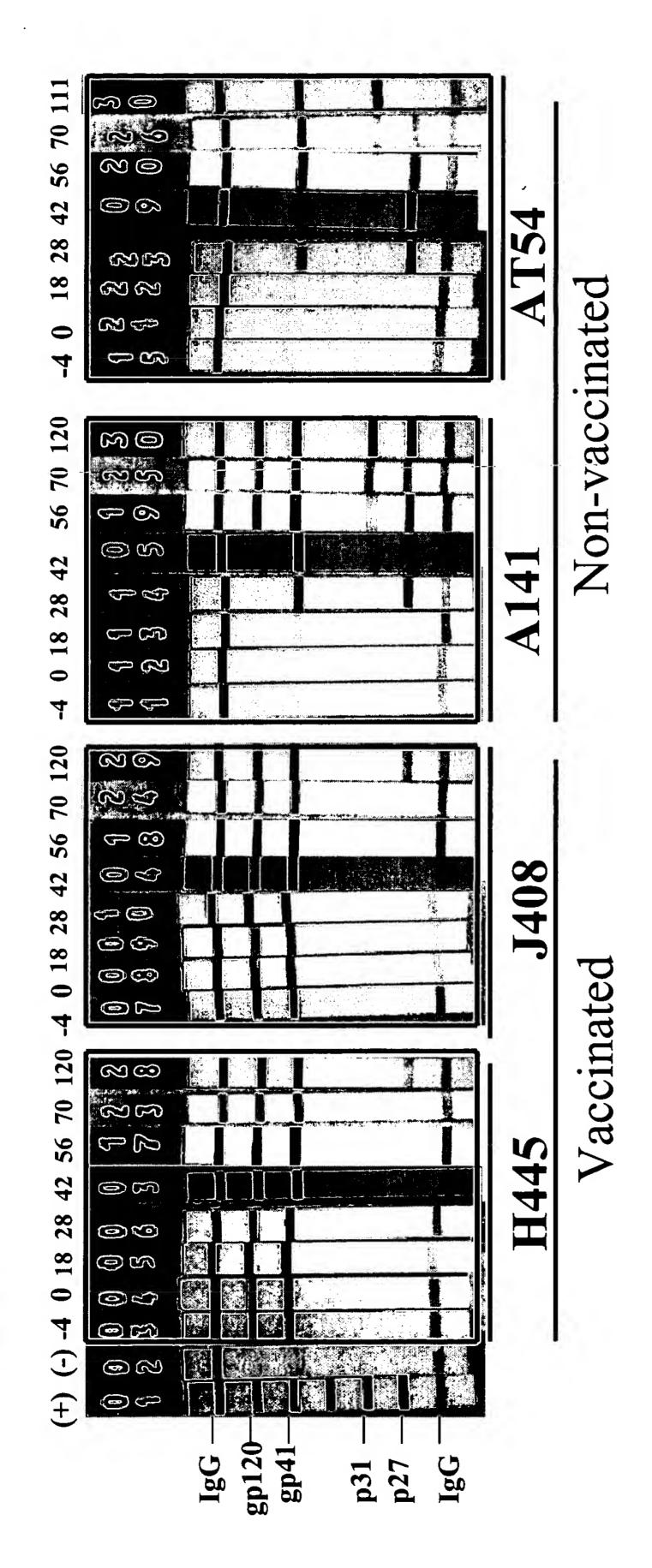


Days Post-Challenge

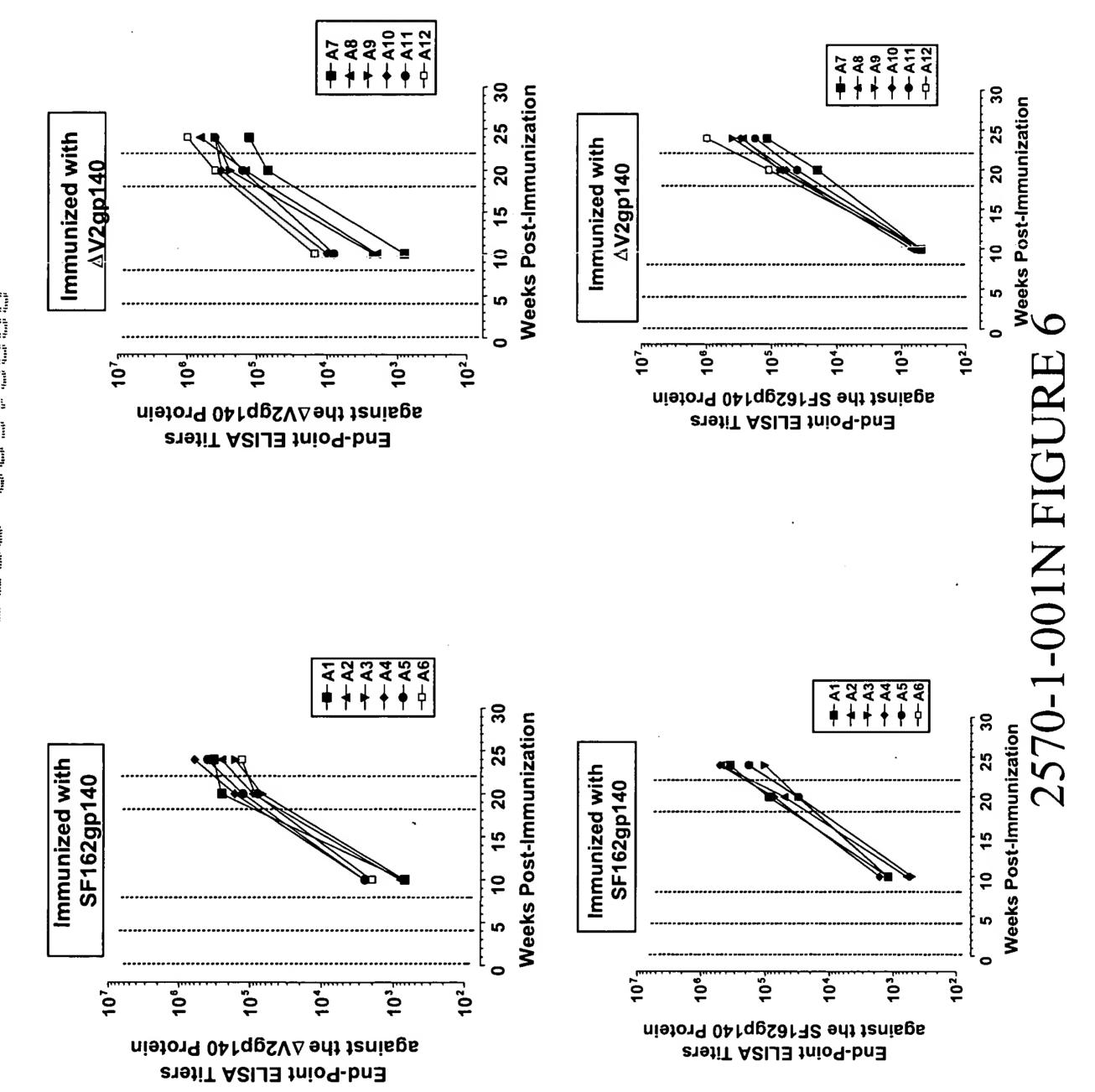
2570-1-001N FIGURE 4



env Antigens and -gag/pol SIV Seroconversion to

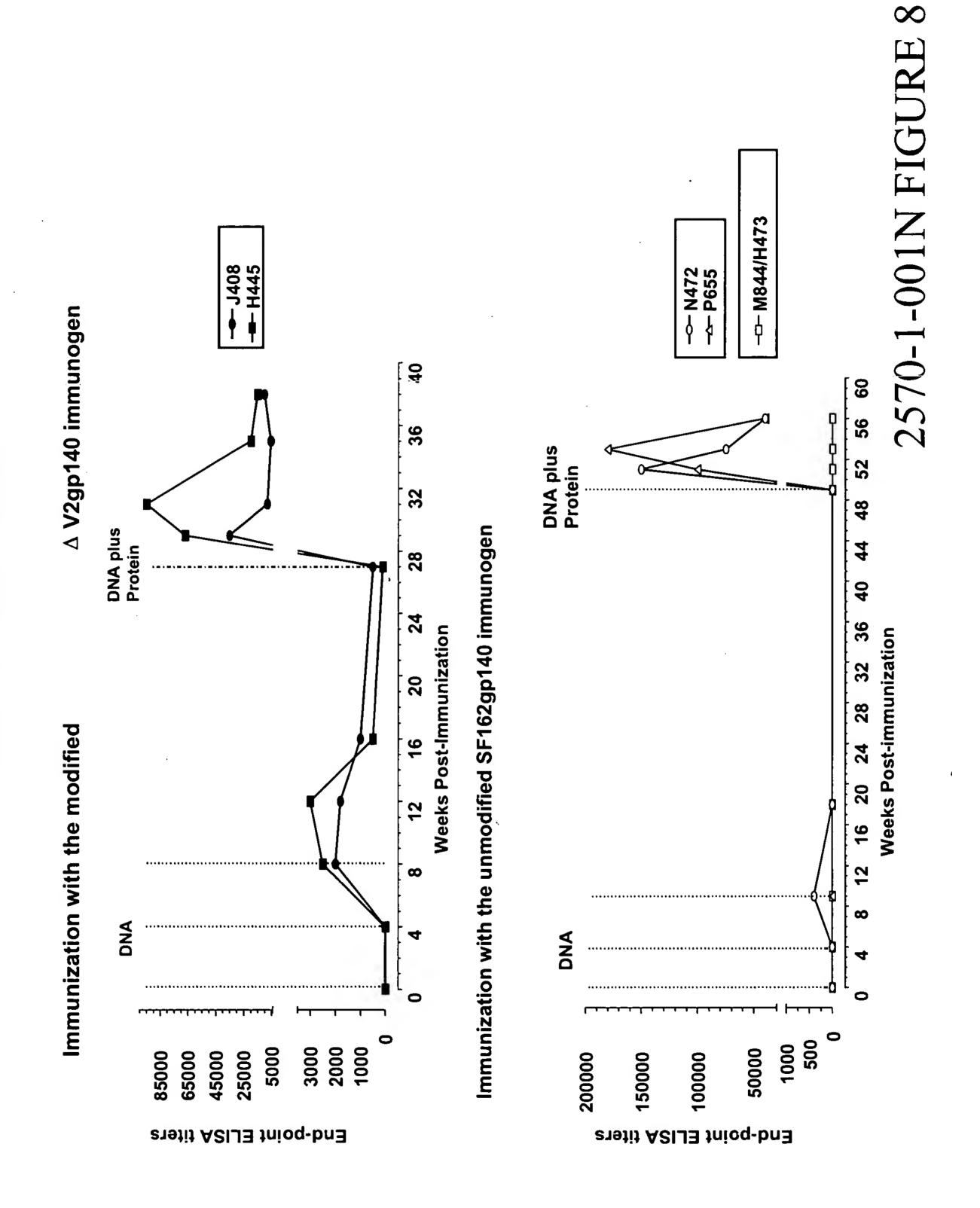


2570-1-001N FIGURE 5

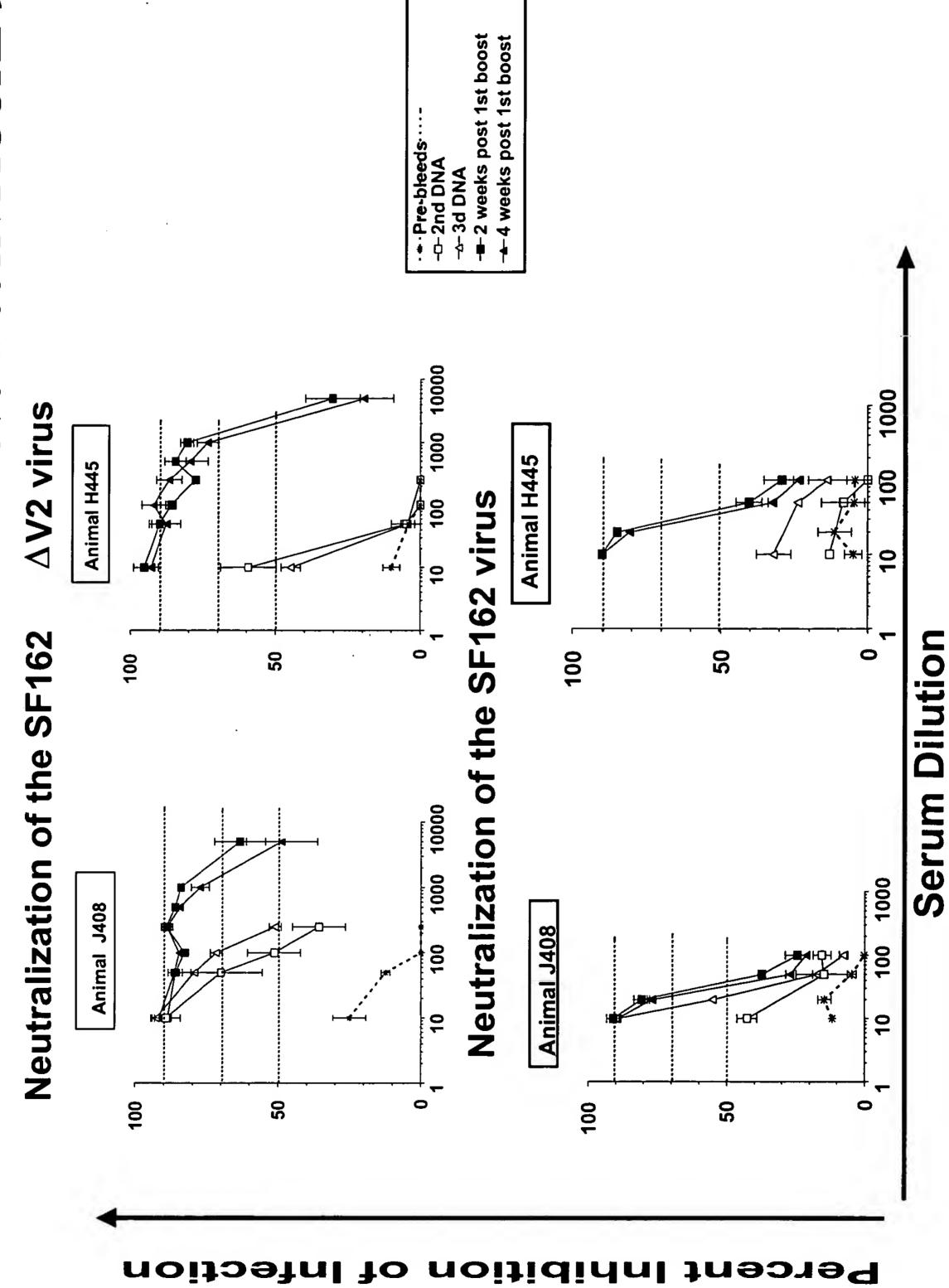


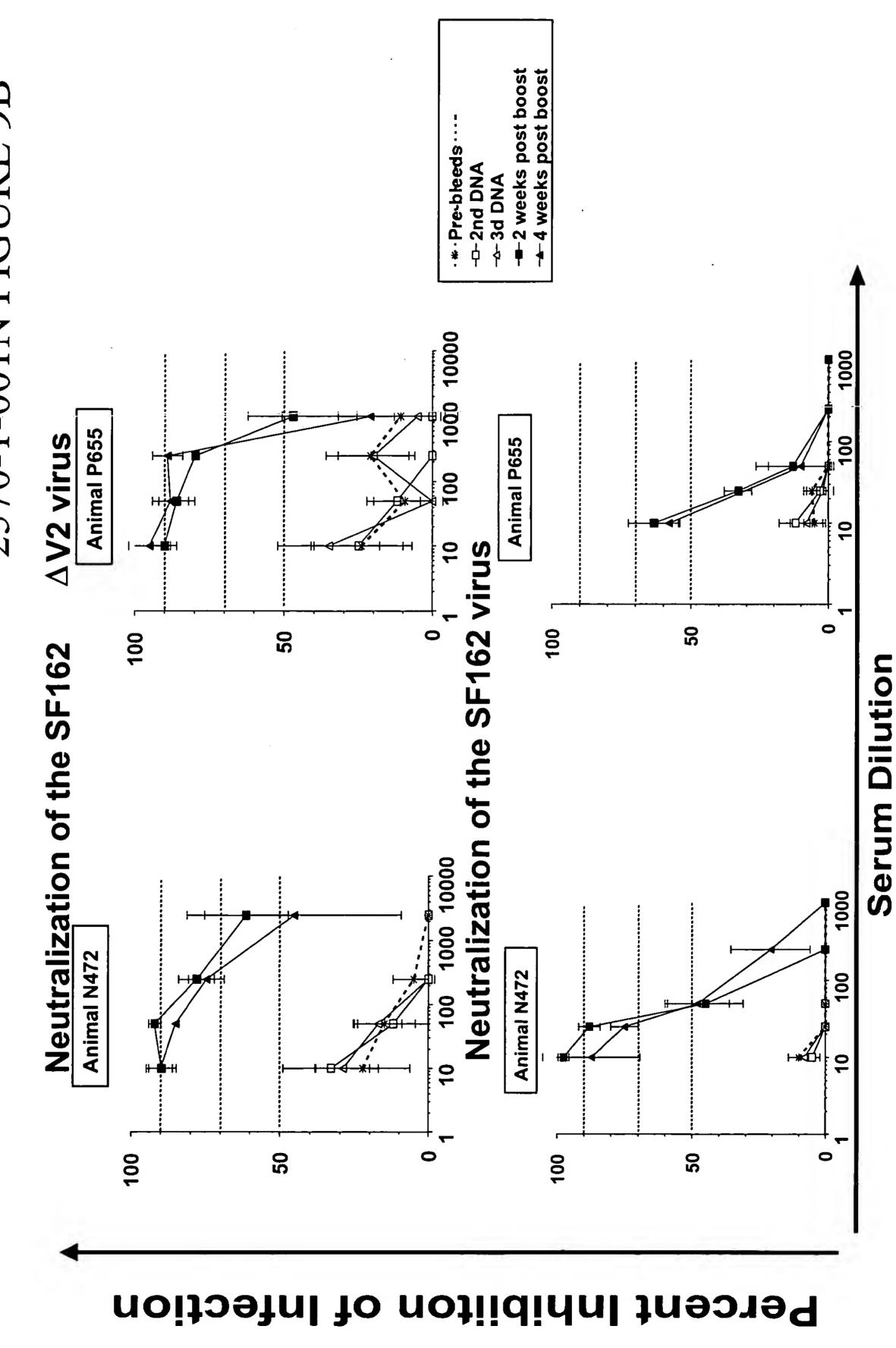
Serum Dilution

2570-1-001N FIGURE 7B 5th Immunization 5th Immunization , 8 HTTP II TOTAL IN THE STATE OF T 70-1-001N FIGURE⁴ 9 nized with SF162gp140 unized with AV2gp140 20 0 100 20 um Dilution The first that the first that the 1000 Animals Immu Ser 1861 Animals imm 3d Immunization 3d Immunization 50 100 20 0 100 Percent Inhibition of Infection

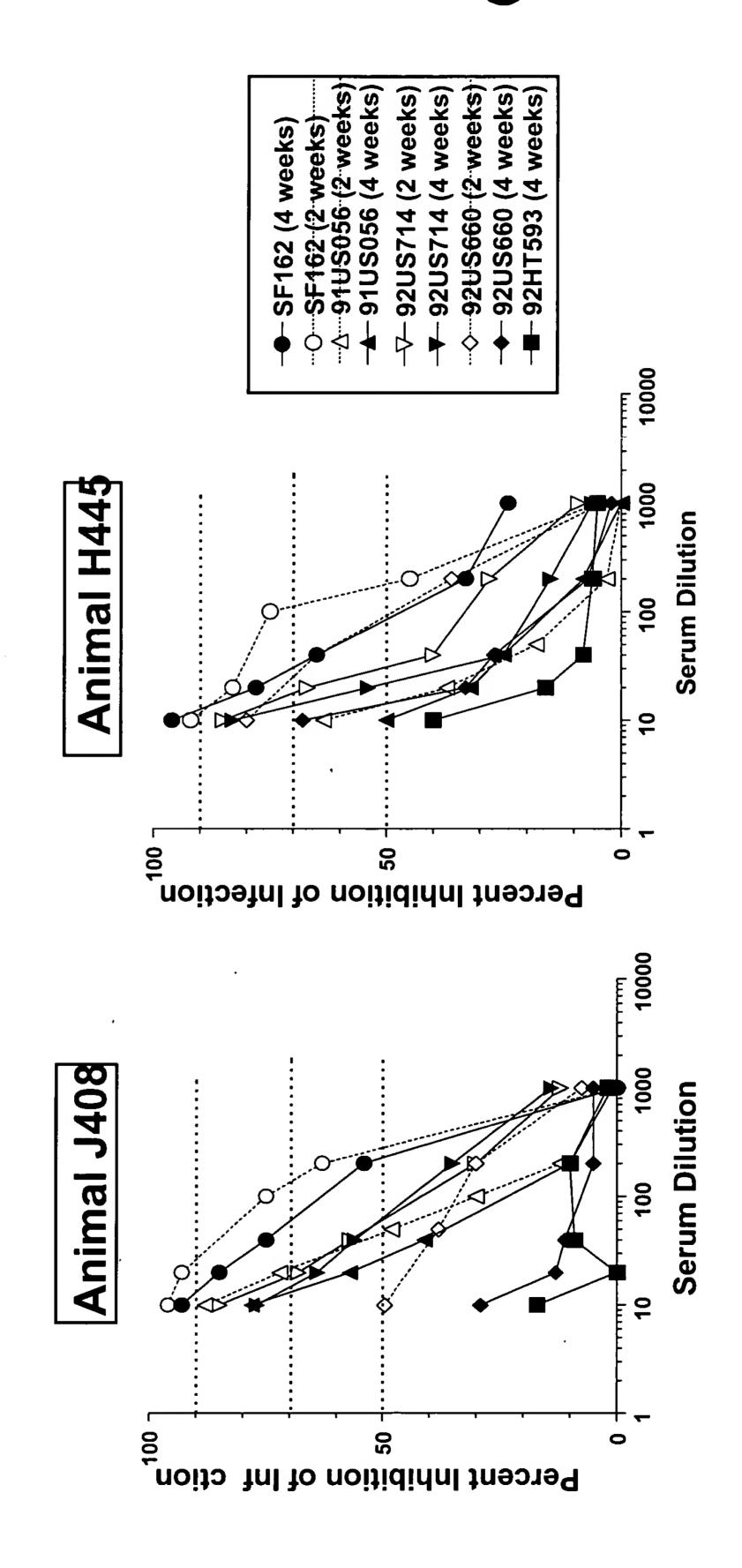




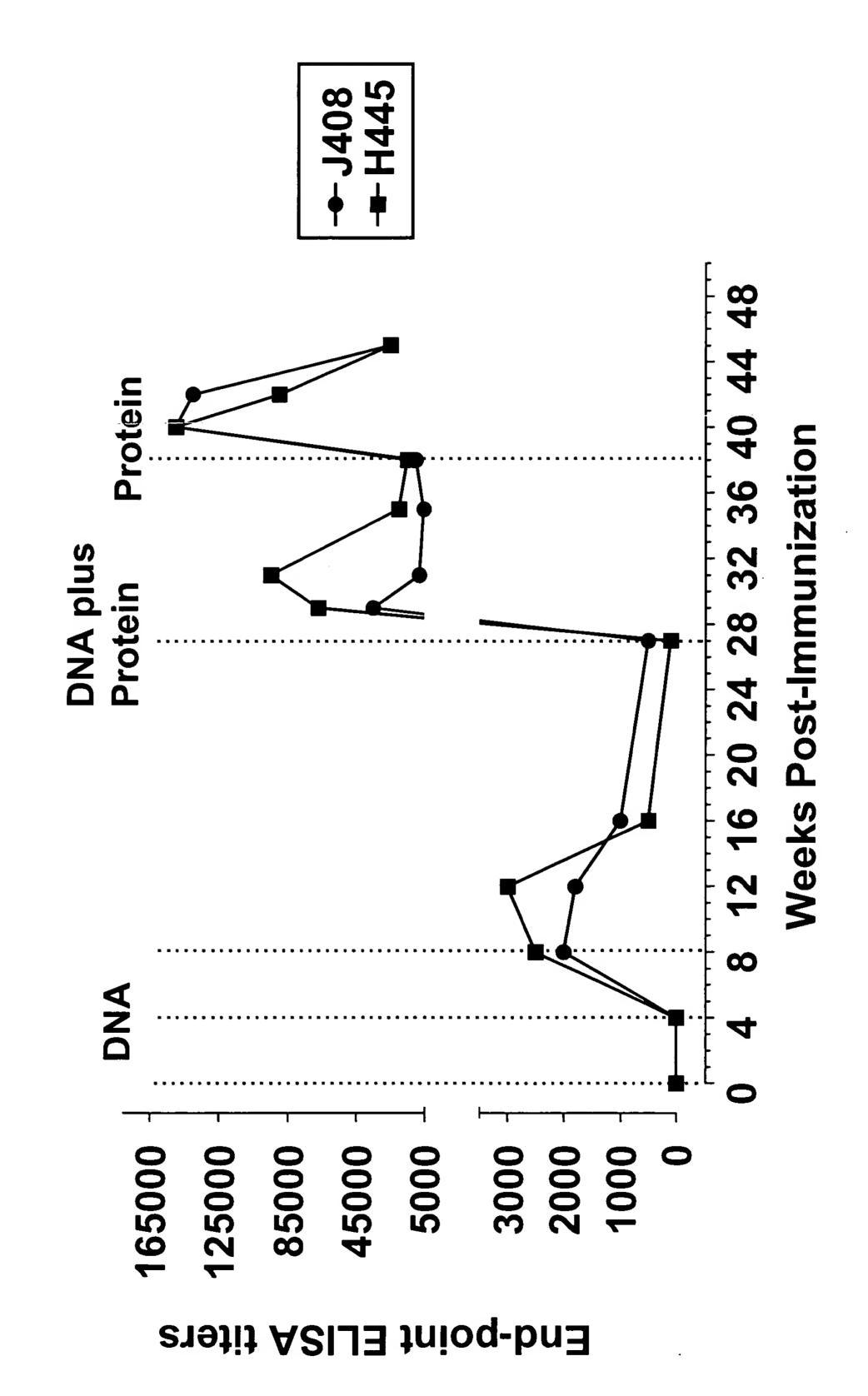


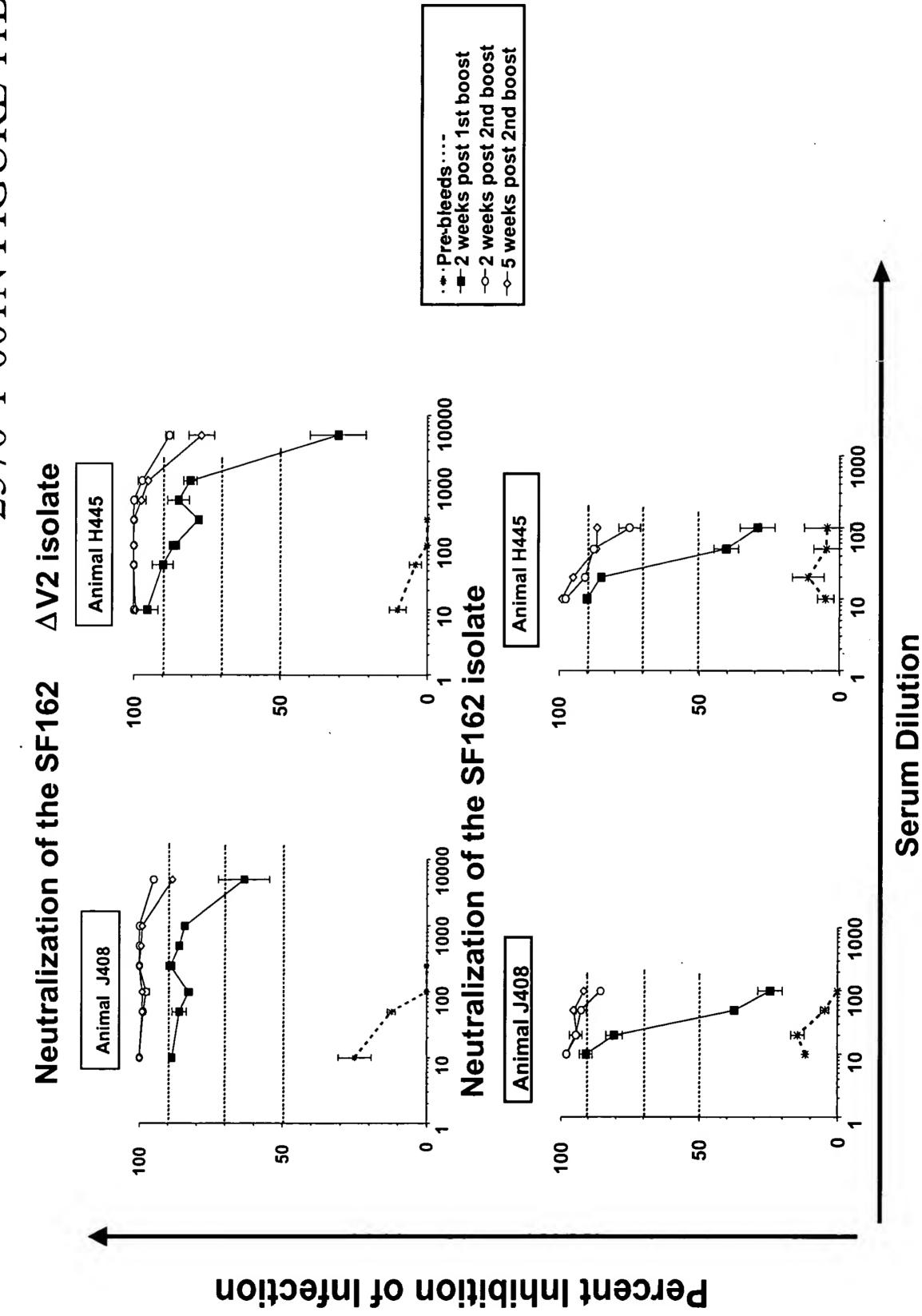


2570-1-001N FIGURE 10

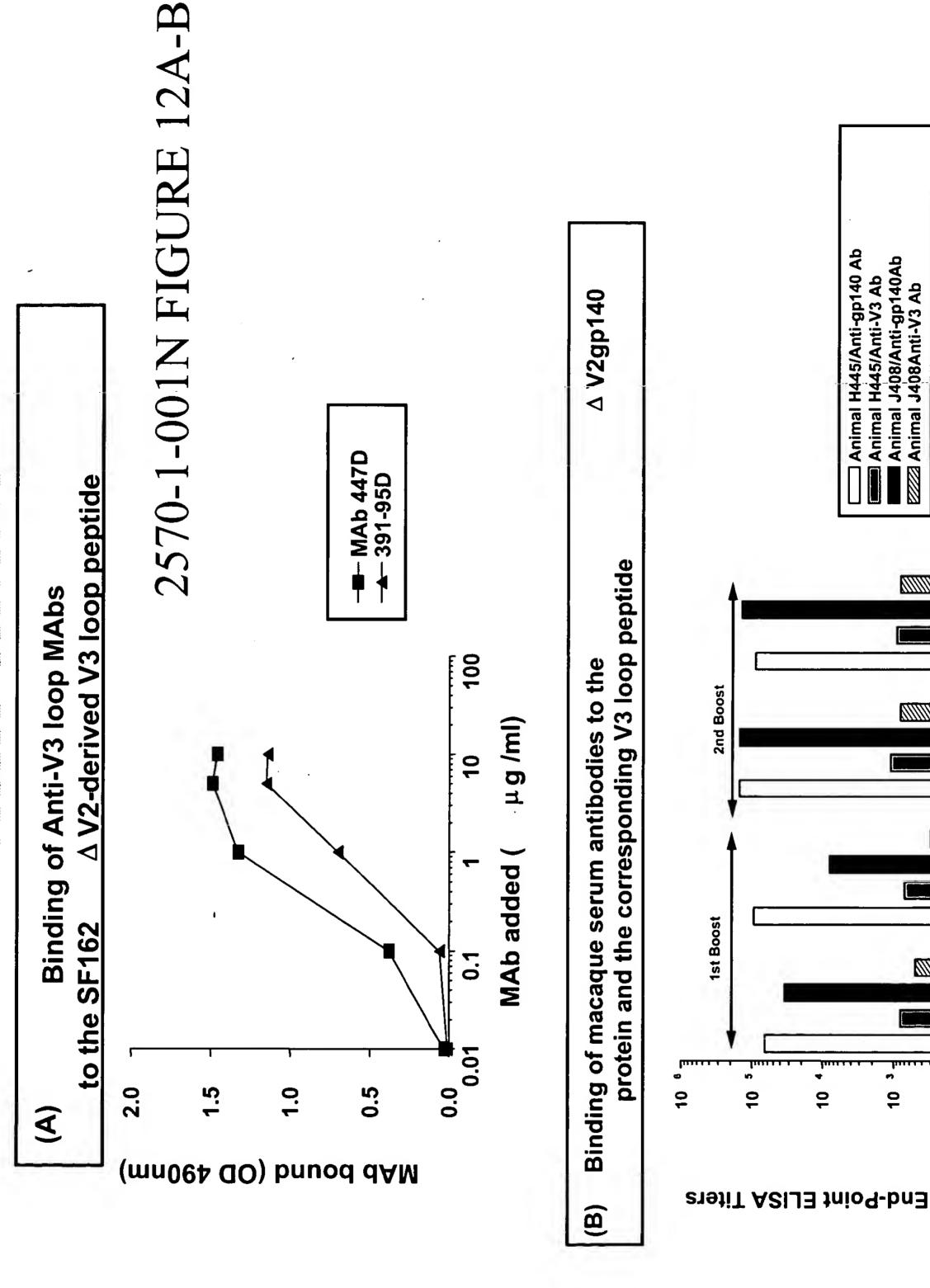


2570-1-001N FIGURE 11A





17-11 11 19 10-11 11 11-He state that the part of the state of the s



mmunization Week Post-I

4 weeks

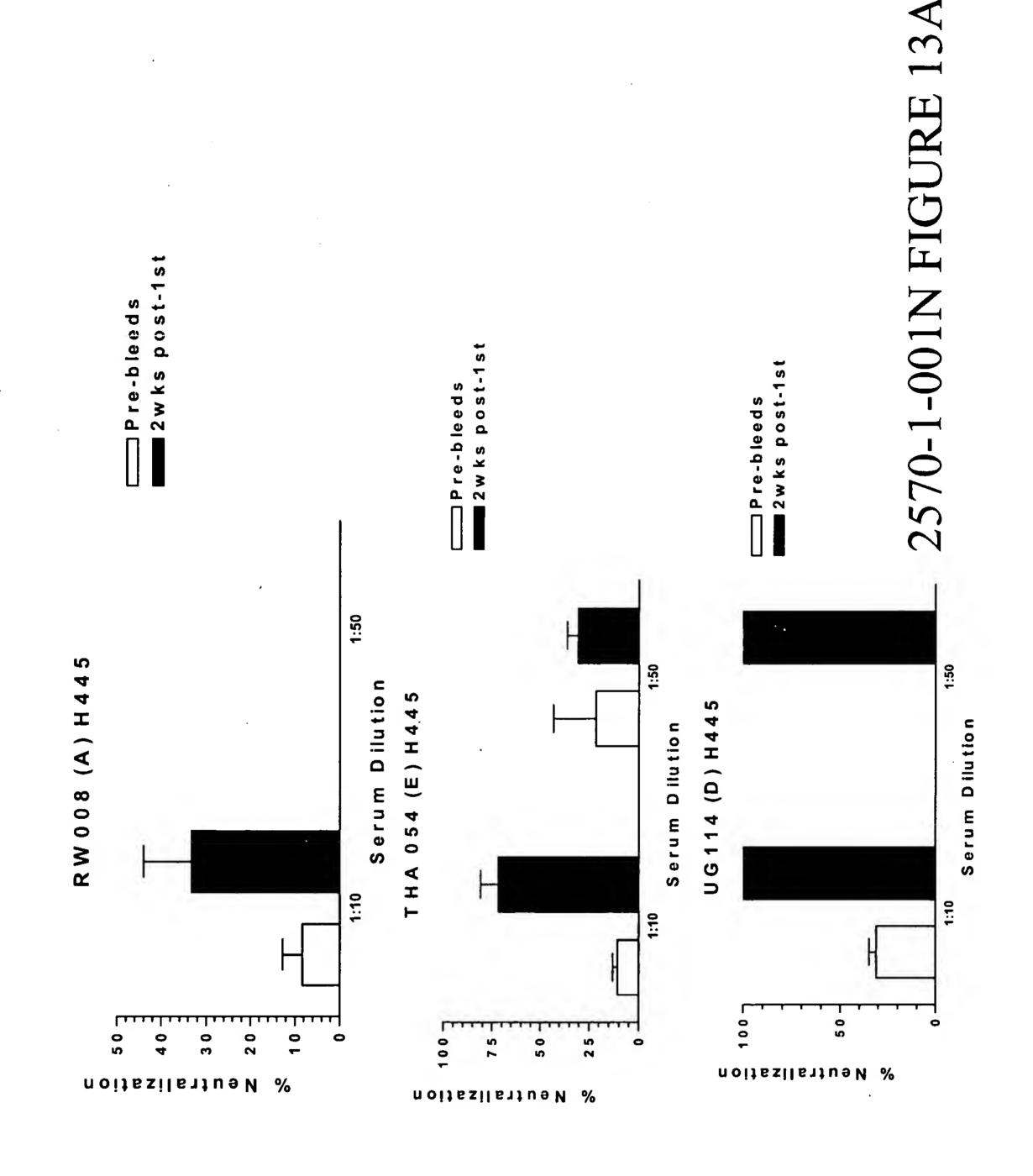
2 weeks

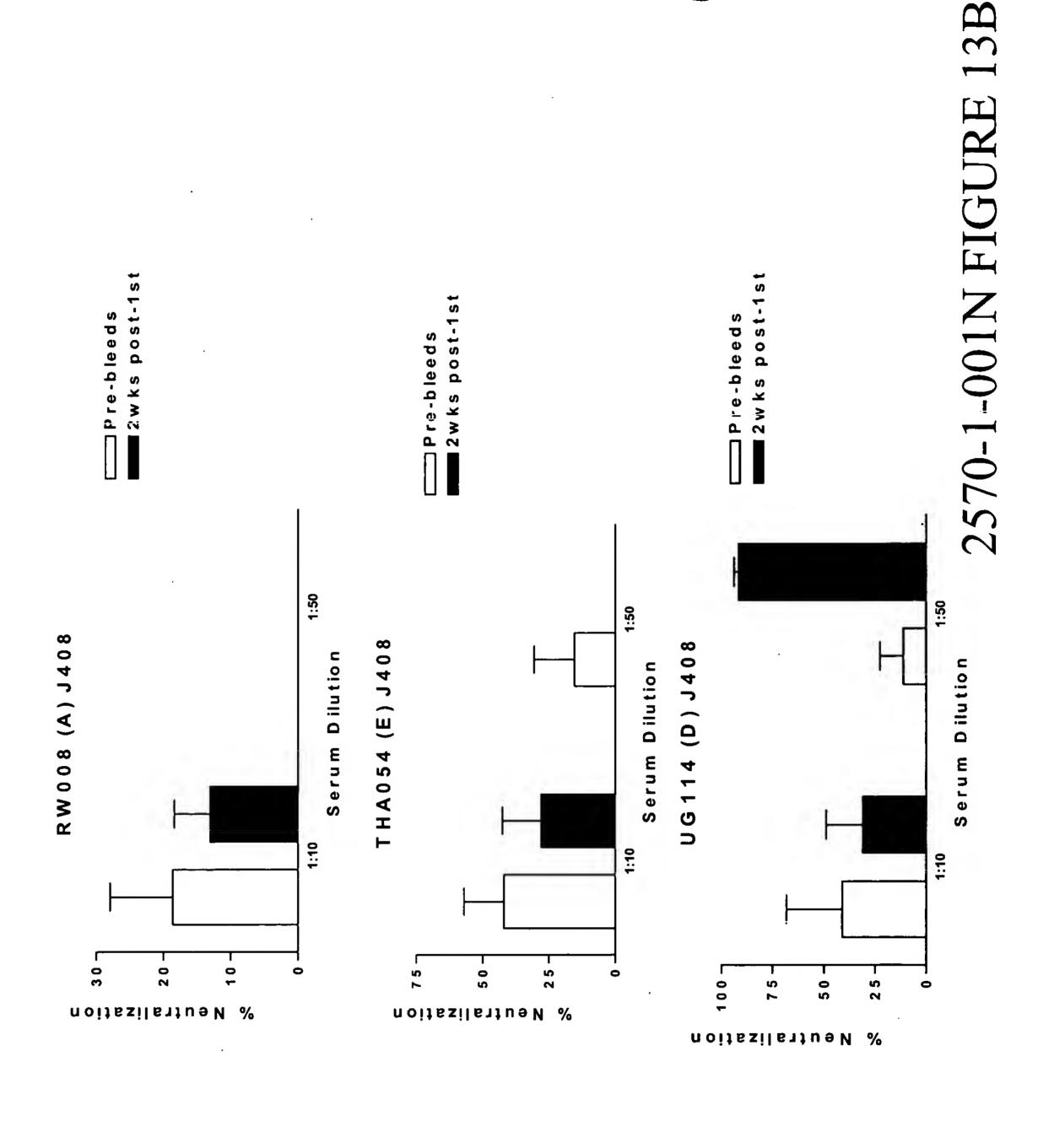
4 weeks

2 weeks

10

from viruses animal H445 clade A. E.and D.H.IV-1 lected from r a Neutralization se





gcaccttgct tggagagggg tcagcacttg gaagaatta Ď aaggggatca atgagagtg

tctattatgg ctaaagccta accctaaccc ataacatggt catgtgtaaa ctaataccaa tcaaggtc tgggtcacag agtctaaagc aagaatgcta aattgctctt gcatcagatg atgtggaaaa gtacccacag agaaaaattg atgggatcaa cactaatttg tctattttgt acatgcctgt agaaataaaa aaattttaac gtagtgctgt tctgggccac atgtgacaga ctctacattg tggacagagg caaccaccac taatcagttt tgtta ttgatgatct tggaaagaga tggaaagaag catgaggata gtacataatg gtattggaaa ctctgt ccttgggatg tgacacagag acaagaaata gttaacccca ggtacctgtg agaacagatg gagtagtaat

-GGA-GCT-GGA-

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agtgctgt agaaaattg tgggtcacag tctattatgg

accetaacce ataacatggt catgtgtaaa ctaataccaa ctaaagccta tcaaggtc gcatcagatg aagaatgcta atgtggaaaa agtctaaagc aattgctctt gtacccacag tctattttgt cactaatttg acatgcctgt aaattttaac atgggatcaa agaaataaaa ctctacattg tggacagagg caaccaccac tctgggccac atgtgacaga taatcagttt tggaaagaga tggaaagaag ctctgtgtta catgaggata gtacataatg gtattggaaa ggtacctgtg gagtagtaat tgacacagag gttaacccca acaagaaata agaacagatg

-GGA-GCT-GGA-

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Amino acid sequence of SF162DV2 gp140

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VPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQ MRVKGIRKNYOHLWRGGTLLLGMLMICSAVEKLWVTVYYG PLCVTLHCTNLKNATNTKSSNWKEMDRGEIKNCSFKV-GAG-GSGPCT<u>N</u>VSTVQCTHGIRPVVSTQLLL<u>N</u>GSLAEEGVVIRSE<u>N</u>F **EIVLENVTENFNMWKNNMVEOMHEDIISLWDOSLKPCVKLT** TDNAKTIIVQLKESVEI<u>N</u>CTRPN<u>N</u>NTRKSITIGPGRAFYATGDI TITLPCRIKOIINRWQEVGKAMYAPPIRGQIRCSSNITGLLLTR IGDIRQAHC<u>N</u>ISGEKW<u>N</u>NTLKQIVTKLQAQFG<u>N</u>KTIVFKQSS **ARVLAVERYLKDOOLLGIWGCSGKLICTTAVPWNASWSNK** TLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKLQ GGDPEIVMHSFNCGGEFFYCNSTQLFNSTWNTIGPNNTNG DGGKEISNTTEIFRPGGGDMRDNWRSELYKYKVVKIEPLGV PKVSFEPIPIHYCAPAGFAILKCNDKKFN SLDOIWNNMTWMEWEREIDNYTNLIYTLIEESQNQQEKNE KRAVTLGAMFLGFLGAAGSTMGARSL **QELLELDKWASLWNWFDISKWLWYIK** APTKAKRRVVORE] KLINCNTSVITQACI

Amino acid sequence of SF162DV2 gp140 less 27 amino acid N-terminal

SAVEKLWVTVYYG

VPVWKEATTTLFCASDAKAYDTEVHNVWATHACVPTDPNPQ PLCVTLHCTNLKNATNTKSSNWKEMDRGEIKNCSFKV-GAG-GSGPCTNVSTVQCTHGIRPVVSTQLLLNGSLAEEGVVIRSENF EIVLENVTENFNMWKNNMVEQMHEDIISLWDQSLKPCVKLT TDNAKTIIVOLKESVEINCTRPNNNTRKSITIGPGRAFYATGDI TITLPCRIKOIINRWQEVGKAMYAPPIRGQIRCSSNITGLLTR IGDIRQAHC<u>N</u>ISGEKW<u>N</u>NTLKQIVTKLQAQFG<u>N</u>KTIVFKQSS **ARVLAVERYLKDQQLLGIWGCSGKLICTTAVPWNASWSNK** GGDPEIVMHSFNCGGEFFYCNSTQLFNSTWNTIGPNTNG TLTVQARQLLSGIVQQQNNLLRAIEAQQHLLQLTVWGIKLQ DGGKEISNTTEIFRPGGGDMRDNWRSELYKYKVVKIEPLGV PKVSFEPIPIHYCAPAGFAILKCNDKKFN SLDQIWN<u>N</u>MTWMEWEREID<u>N</u>YTNLIYTLIEESQNQQEKNE KRAVTLGAMFLGFLGAAGSTMGARSL **QELLELDKWASLWNWFDISKWLWYIK APTKAKRRVVORE** KLINCNTSVITQACI